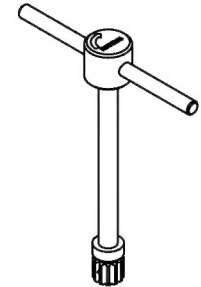
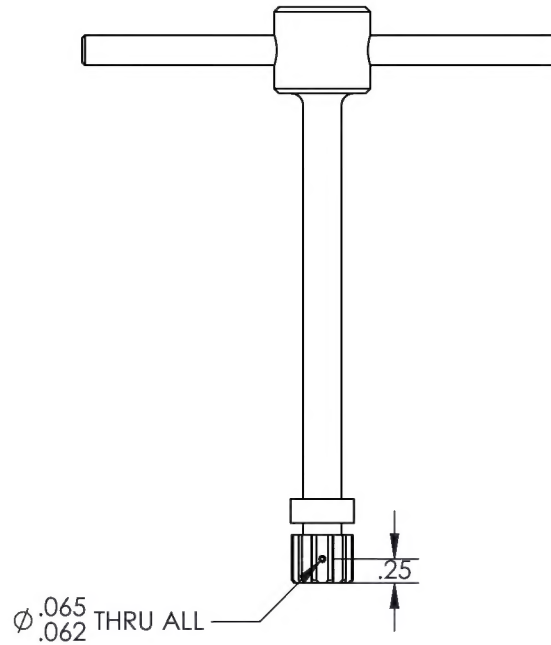
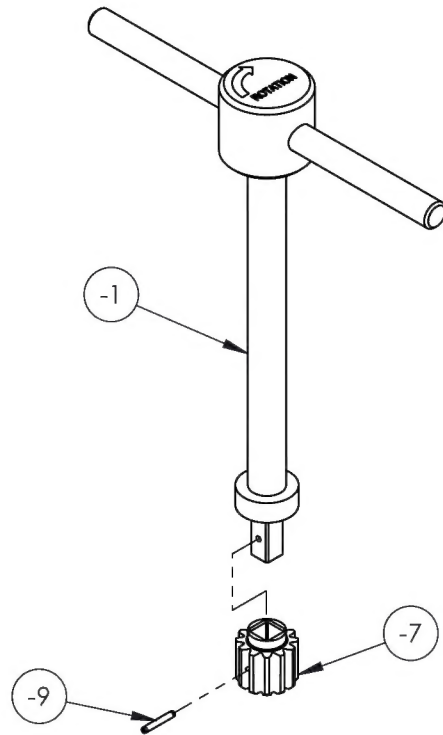


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/8/2016	RJC	JAG
2	17-0083	-7 ADDED DIM'S Ø.40, R.02. TABLE MAJOR DIAMETER Ø.650/.645.	4/7/2017	RJC	JAG



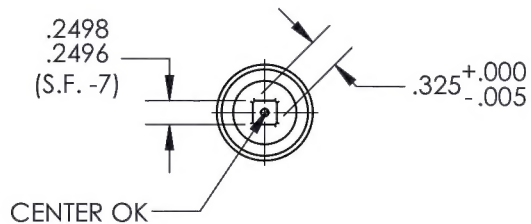
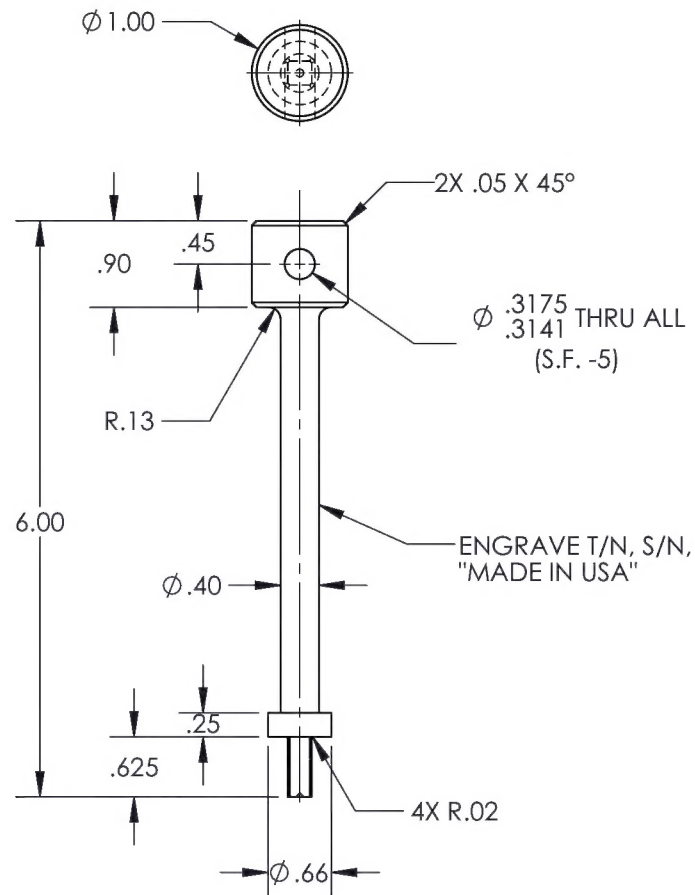
NOTES:
 1. REF. PRATT & WHITNEY T/N: PWC34941.
 2. NSN:5120-01-245-9237.

DART AEROSPACE	
TITLE PULLER, WRENCH	
DWG NO. RB PWC34941	REV 2
MAT'L HEAT TREAT FINISH SPEC	
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° ✓ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL	
SCALE 1:2	DATE 4/22/2016
SHEET 1 OF 5	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	WRENCH WELDMENT			2
	1		-3		BODY	4140/4142		3
	1		-5		HANDLE	4140/4142		4
			-7	1	GEAR	4140/4142		5
		B/O	-9	1	SPRING PIN	STEEL	Ø1/16 X 7/16 (MCMMASTER-CARR #90692A084)	1
	ASSY -1							

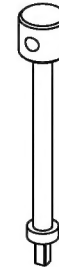
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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED



HIDDEN LINES
REMOVED FOR CLARITY

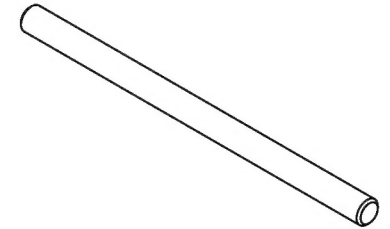
(-3)
BODY



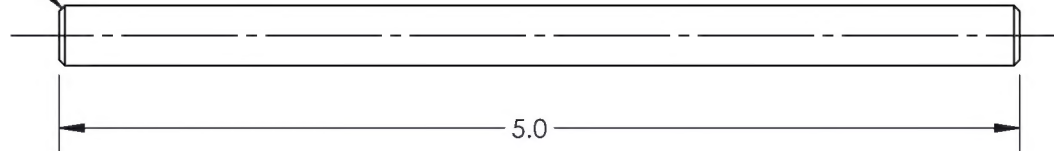
DART AEROSPACE	
TITLE PULLER, WRENCH	
DWG NO. RB PWC34941-3	REV 2
MAT'L 4140/4142 HEAT TREAT RC 28-32 FINISH SEE -1 SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° ✓ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 4/22/2016
SHEET 3 OF 5	

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REVISIONS			
REV	ECR	DESCRIPTION	DATE



2X .03 X 45°



$\phi .3125$
 $\phi .3095$
 (S.F. -3)



(-5)

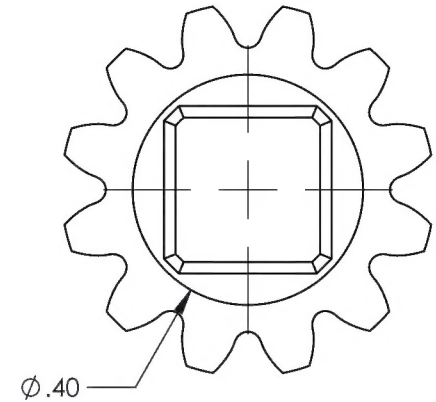
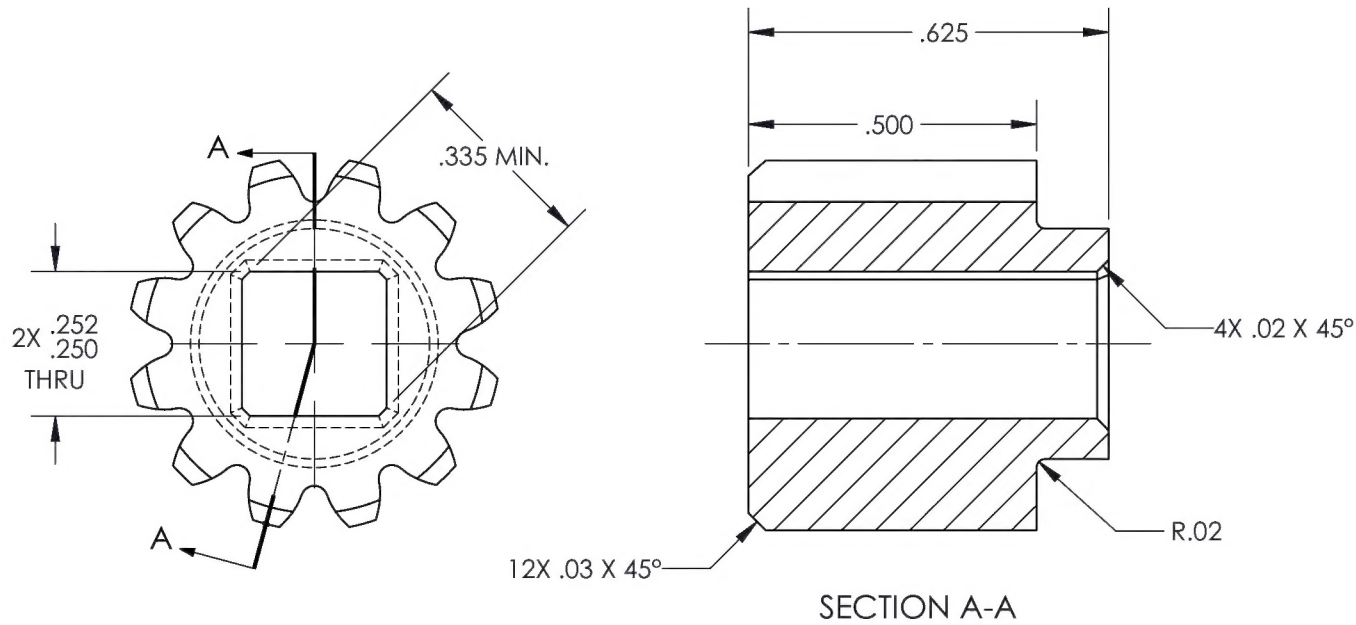
HANDLE



TITLE		PULLER, WRENCH	
DWG NO.		RB PWC34941-5	
		REV 2	
MAT'L 4140/4142		UNLESS OTHERWISE SPECIFIED	
HEAT RC 28-32		DIMENSIONS ARE IN INCHES	
FINISH SEE -1		$.XXX \pm .005$ FRACTIONS $\pm 1/8$ $.XX \pm .01$ ANGLES $\pm .5^\circ$ $.X \pm .1$ SURFACES = 125	
SPEC		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY		
APPROVED:	GILBERT		
SCALE	1:1	DATE	4/22/2016
		SHEET 4 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0083	-7 ADDED DIM'S Ø.40, R.02, TABLE MAJOR DIAMETER Ø.650/.645.	4/7/2017	RJC	JAG



SECTION A-A

EXTERNAL SPLINE DATA	
STANDARD	ANSI B92.1-1996
FILLET ROOT, SIDE FIT	
NUMBER TEETH	12
DIAMETRAL PITCH	20/40
PRESSURE ANGLE	30°
MAJOR DIAMETER	Ø.650/.645
PIN DIAMETER	Ø.0960
MEASUREMENT OVER PINS MAX.	Ø.7422
MEASUREMENT OVER PINS MIN.	Ø.7389

⑦
GEAR

DART AEROSPACE	
TITLE PULLER, WRENCH	
DWG NO. RB PWC34941-7	REV 2
MAT'L 4140/4142 HEAT TREAT RC 28-32 FINISH BLACK OXIDE SPEC QMSI-6.2.2 REV D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	USED ON MODEL
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 3:1	DATE 4/22/2016
SHEET 5 OF 5	